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ABERTILLERY
URBAN DISTRICT COUNCIL

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Medical Officer of Health
REPORT

For the Year

1951.

J. R. Davies (printers) Ltd.
Abertillery.

ABERTILLERY

URBAN DISTRICT COUNCIL

Medical Officer of Health

REPORT

For the Year

1951.

Abertillery Urban District Council.

1st January to 31st December, 1951.

COUNCILLORS.

Chairman - - -	Mrs. F. J. BROWN.
Vice-Chairman - - -	W. H. HILLMAN.

WARDS.

Cwmtillery.

G. R. SHINGLER.
F. YEMM.
R. BAKER
W. E. HODGES.
D. J. MORGAN.
L. POWELL.

Abertillery.

W. J. R. GUMBLETON
B. EVANS
W. E. J. DERRICK.
Mrs. F. J. BROWN.
R. S. WOOD.

Six Bells.

O. TRILLA.
W. H. HILLMAN.

Aberbeeg.

R. G. RICE, J.P.
I. POPE.
H. ARSCOTT.

Llanhilleth.

J. SMITH.
C. H. MORGAN.

Day of Meeting—Last Monday in each Month, at 6 p.m.

Clerk of the Council - -	H. J. WILLIAMS. F.C.C.S.
Surveyor and Water Engineer -	A. GORDON JONES, M.I.M.C.E.
Accountant and Treasurer - -	R. L. ENGLAND.
Rating and Valuation Officer -	H. P. BREWER, F.R.V.A.
Housing Manager - - -	C. E. COLES.

PUBLIC HEALTH AND CEMETERY COMMITTEE.

The Committee consists of all Members of the Council.

Councillor R. S. WOODS, Chairman.

Day of Meeting—Second Monday in each Month.

Medical Officer of Health -	J. WALTERS BOWEN, M.B., B.CH., B.SC., D.P.H.
Sanitary Inspector (Senr.) and Shops Inspector - -	G. A. PARRY, A.R.S.I., M.S.I.A.
Deputy Sanitary Inspector - -	J. L. JONES, A.R.S.I.
Sanitary Inspector - - -	D. G. GRIFFITHS, A.R.S.I., M.S.I.A.
Rodent Officer - - -	L. JONES.

ABERTILLERY URBAN DISTRICT COUNCIL.

Area of District	6464 acres
Rateable Value, December 31, 1951	£96,437
Estimated Net Product of 1d. Rate, 1951	£344
Population (Estimated Mid 1951)	27,440
Population (Estimated Mid 1950)	27,900
Birth Rate per 1,000 Population, 1951	16.2
Birth Rate per 1,000 Population, 1950	16.9
Live Births, 1951	446
Live Births, 1950	474
Number of Deaths, 1951	406
Death Rate per 1,000 Population	14.8
Number of Deaths, 1950	353
Death Rate per 1,000 Population	12.6
Infant Mortality Rate, 1951	51.5
Infant Mortality Rate, 1950	56.9

Abertillery Urban District Council.

REPORT

OF THE MEDICAL OFFICER OF HEALTH TO THE URBAN DISTRICT COUNCIL OF ABERTILLERY FOR THE YEAR ENDING DECEMBER 31st, 1951.

To the Chairman and Members of
Abertillery Urban District Council.

Mr. Chairman, Mrs. Brown and Gentlemen,

The Abertillery Urban District is situated in the Western Valleys of Monmouthshire,13 miles north-west of Newport,and 20 miles south-west of Monmouth.

Its greatest length, north to south is 6½ miles, while it varies in breadth, east to west, from ½ to 2½ miles. It has an area of 10¼ square miles, being one of the largest Urban Districts in the County. The population is 27,440, and the rateable value is £96,437, (Abertillery £70,009, Llanhilleth £25,167). The estimated product of a penny rate is £344.

The Urban Area is divided into 5 wards:

Ward 1. Llanhilleth.—This includes that part of Llanhilleth south-east of the Nant-Cuffin, with the portions of Crumlin and Hafodyrynys which are within the district. Members on Council, 2. Area, 894 acres. Electors, 2,484.

Ward 2. Aberbeeg.—Comprises Aberbeeg and that portion of Llanhilleth N.W. of the Nant Cuffin. Members on Council, 3. Area, 927 acres. Electors, 2,798.

Ward 3. Six Bells.—Comprises Warm Turn, Six Bells, and that portion of Abertillery south of Cwm Road and the Vivian Pit. Members on Council, 2. Area, 1,092 acres. Electors, 3,209.

Ward 4. Abertillery.—Comprises the township of Abertillery, with the exception of the portions included in Wards 3 and 5. Members on Council, 5. Area, 1,151 acres. Electors, 4,754.

Ward 5. Cwmtillery.—Consists of Cwmtillery with Penybont, Blaenau Gwent, and Brynteg. Members on Council, 6. Area, 2,400 acres. Electors, 5,817.

The chief centres of population are :—Cwmtillery, in the Blaentillery Valley to the north; Abertillery, at the junction of the Blaentillery and Ebbw Fach Valleys; Six Bells, in the Ebbw Fach Valley to the South of Abertillery; Aberbeeg, at the junction of the Ebbw with the Ebbw Fach; and Llanhilleth and Crumlin in the Ebbw Valley to the south.

The Upper Coal Measures have been almost wholly denuded, but the Pennant Series form a moorland plateau from 1,200 to 1,600 feet above sea-level, through which valleys, deep, narrow, and confluent, run from north to south regardless of the geological formation. The whole of the Blaentillery Valley and portions of the Valleys of the River Ebbw and its tributary, the Ebbw Fach, are within the area. The Tillery coal vein, at the base of the Pennant Series, outcrops in long lines on the sides of the valley north of Aberbeeg, and has been worked by levels.

Births.

	1951	1950	1949	1948	1947
Number of Births ..	446	474	508	530	599
Birth Rate per 1,000—					
Abertillery	16.2	16.9	18.09	18.8	21.3
England and Wales ..	15.5	15.8	16.7	17.9	20.5
Small Towns ..	16.7	16.7	18.7	19.2	22.2

The total number of births registered locally during 1951 as belonging to the district was 164, of which 81 were males and 83 females.

The number of births registered outside the District was 282, (males 134, females 148).

The Registrar General's return of births is 446. Of this number, 215 were males and 231 females.

The number of legitimate births was 210 males and 226 females.

The total number of illegitimate births from the Registrar General's return is 10 (5 males, 5 females).

The number of births during the year 1951 is 28 less than was recorded for 1950.

The Infant Mortality Rate is 51.5.

TABLE I. Showing the Vital Statistics for England and Wales, etc., the Administrative County of Monmouthshire and Abertillery Urban District for the years 1950 and 1951.

	Birth Rate per 1,000 Population				*Death Rate per 1,000 Population*		*Deaths under one year per 1,000 live births*	
	Live Births	*Still Births*	*Live Births*	*Still Births*				
	1950	1950	1951	1951	1950	1951	1950	1951
England and Wales	15.8	0.37	15.5	0.39	11.6	12.5	29.8	29.6
126 County Boroughs and Great Towns including London ..	17.6	0.45	17.3	0.47	12.3	13.4	33.8	33.9
148 smaller towns (Resident population 25,000-50,000 at 1931 census)	16.7	0.38	16.7	0.40	11.6	12.5	24.4	27.6
London Administrative County ..	17.8	0.36	17.8	0.37	11.8	13.1	26.3	26.4
Administrative County of Monmouthshire	17.4	0.58	18.2	0.58	12.3		39.8	
Abertillery Urban District	16.9	0.82	16.2	0.46	12.6	14.8	56.9	51.5

Causes of Death. TABLE II.

Causes of Death. ALL CAUSES	*M.* 223	*F.* 183
1. Tuberculosis, respiratory	5	1
2. Tuberculosis, other	2	1
3. Syphilitic disease	—	—
4. Diphtheria	—	—
5. Whooping Cough	—	—
6. Meningococcal infections..	—	—
7. Acute Poliomyelitis	—	—
8. Measles	—	1
9. Other infective and parasitic diseases	1	1
10. Malignant neoplasm, stomach	5	8
11. Malignant neoplasm, lung, bronchus	4	1
12. Malignant neoplasm, breast	—	3
13. Malignant neoplasm, uterus	—	3
14. Other malignant and lymphatic neoplasms ..	25	9
15. Leukaemia, aleukaemia	—	—
16. Diabetes	1	1
17. Vascular lesions of nervous system	22	19
18. Coronary disease, angina	42	7
19. Hypertension with heart disease	2	4
20. Other heart disease	30	50
21. Other circulatory disease..	2	4
22. Influenza	8	6
23. Pneumonia	5	11
24. Bronchitis	27	19
25. Other diseases of respiratory system	—	1
26. Ulcer of stomach and duodenum	4	—
27. Gastritis, enteritis and diarrhoea	—	—
28. Nephritis and nephrosis	1	2
29. Hyperplasis of prostate	4	—
30. Pregnancy, childbirth, abortion	—	1
31. Congenital malformations	3	4
32. Other defined and ill-defined diseases	27	26
34. Motor vehicle accidents	—	—
35. Suicides	3	—
36. Homicides and operations of war	—	—
Deaths in infants under 1 year of age :	8	15
Legitimate	8	15
Illegitimate	—	—
TOTAL BIRTHS		
Legitimate	210	226
Illegitimate	5	5
STILL BIRTHS TOTAL ..	4	14
Legitimate	4	14
Illegitimate	—	—

Estimated population 1951 for birth and death rates, 27,440.

TABLE III.

Month	*Male*	*Female*	*Total*	*Quarterly Births*	*Wards* 1	2	3	4	5
January ..	9	4	13		1	1	5	3	3
February ..	2	12	14		3	2	3	1	5
March ..	7	11	18	45	4	5	3	2	4
April	4	3	7		2	1	1	1	2
May	3	13	16		3	4	3	4	2
June	7	4	11	34	4	3	—	1	2
July	8	3	11		1	4	2	1	4
August ..	10	6	16		1	3	3	6	3
September ..	10	5	15	42	1	4	2	3	5
October ..	7	8	15		5	1	1	—	8
November ..	9	5	14		1	4	4	4	1
December ..	5	9	14	43	3	6	2	2	1
Total ..	81	83	164	164					
Inward Transferable Births ..	134	148	282						
Grand Total for 1951 ..	215	231	446						

Showing the number of births registered in the Abertillery Urban Area during 1951, according to sex, month, quarter of occurrence, and ward distribution together with inward transferable births.

TABLE III. Showing the infant deaths (*i.e.*, deaths in infants under 1 year of age) assigned to this district during 1951, by cause and in age groups.

Cause of Death	*Under 1 week*	*1—2 weeks*	*2—3 weeks*	*3—4 weeks*	*Total under 1 month*	*1—3 months*	*3—6 months*	*6—9 months*	*9—12 months*	*Total deaths under 1 year*
Prematurity ..	2	4	—	—	6	—	—	—	—	6
Atelectasis	4	—	—	—	4	—	—	—	—	4
Intestinal Obstruction ..	—	1	—	—	1	—	—	—	—	1
Spina Bifida ..	—	1	—	—	1	—	—	—	—	1
Pneumonia	—	—	—	—	—	2	1	—	—	3
Anoxaemia	—	—	—	1	1	—	—	—	—	1
Gastro Enteritis ..	—	—	—	—	—	—	—	—	—	—
Cardiac Failure ..	5	—	—	—	5	—	—	1	—	6
Bronchitis	—	—	—	—	—	1	—	—	—	1

TABLE V.

Analysis of Infectious Diseases in this District during 1951. Showing Age/Sex distribution of the cases of Infectious Diseases notified in the District in 1951 also showing Admission of same to Hospital.

Disease	*Under 1 year*		1–		2–		3–		4–		5–		10–		15–		20–		35–		45–		*65 years and Upwards*		*All Ages*			*Admitted to Hospital*	
	m	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*		*m*	*f*
Scarlet Fever	–	–	1	–	1	1	3	1	3	1	11	8	1	2	–	–	–	–	–	–	–	–	–	–	–	–	34	5	5
Diphtheria	–	–	–	–	–	–	–	–	–	–	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	1	2
Measles	1	3	4	6	4	9	20	4	14	17	22	20	2	3	–	–	–	1	–	–	–	–	–	–	–	–	130	–	–
Whooping Cough	1	4	2	1	1	2	3	2	2	–	3	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–	26	–	–
Acute Poliomyelitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dysentery	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Puerperal Pyrexia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Erysipelas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	1	–	–
Food Poisoning	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pneumonia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	1	–	–	–	3	–	–

There were 13 inquests during the year.

The circumstances of the deaths are analysed and are as follows :—

	Male	*Female*	*Total*
1. Cardiac Syncope	1	—	1
2. Scald	1	—	1
3. Silico Tuberculosis	1	—	1
4. Accidents in the Coal Mining Industry..	1	—	1
5. Accidents in the home	—	2	2
6. Suicides	3	—	3
7. Pneumonia..	—	1	1
8. Coronary Thrombosis	3	—	3
Total ..	10	3	13

Zymotic Diseases.

Table No. V shows the notifiable diseases which were notified in the area during 1951.

Diphtheria.

Three cases of Diphtheria were notified during the year and each case was removed to Hospital and made eventful recoveries. Two of the children had been immunised.

The immunisation of the pre-school child is now carried out at the Infant Welfare Centres by the various medical officers in attendance. Parents too may make private arrangements with their own general practitioner for such immunisation. To attain the maximum degree of protection by immunisation it is advisable that booster doses should be given when the child first attends school.

Scarlet Fever.

As will be seen from the table, 34 cases were notified of whom 10 were removed to hospital because of the impossibility of complete isolation at home, which is very necessary to prevent the spread of infection. All these cases were of a very mild character and were scattered throughout the district, there being no localised outbreaks.

Measles.

130 cases of Measles were notified during the year.

Whooping Cough.

26 cases were notified during the year.

TABLE B.

Details of Other Abnormalities.

	Total	*Male*	*Female*
Pneumoconiosis	154	154	—
Bronchitis and Emphysema ..	38	15	23
Cardio Vascular Disease Acquired ..	22	5	17
Healed Post Primary P.T. ..	10	7	3
Bony Abnormality	9	2	7
Pulmonary Fibrosis	8	8	—
Bronchiectasis	3	—	3
Thickened Pleura	5	4	1
Healed Primary P.T. ..	5	3	2
Pneumonitis	1	1	—
Cystic Disease of Lung ..	1	1	—
Abnormality of Diaphragm ..	1	1	—
Aneurysm C Atelectasis ..	1	1	—
	258	202	56
Failed to return for Large Film	2	—	2

MASS RADIOGRAPHY SERVICE

DETAILS OF MASS RADIOGRAPHIC SURVEY OF Abertillery General Population November, 1951.

TABLE "A"—ANALYSIS IN AGE GROUPS

	Grand Total	*Under* 15		15–24		25–34		35–44		45–59		60 *and Over*		*Totals*	
		m	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*
Total Number of Persons Examined Normal and Abnormal ..	2597	2	7	133	222	236	260	259	317	405	379	248	129	1283	1314
Total Number found to be Abnormal	273 or 10.51%			7	6	12	10	24	14	100	16	68	16	211	62
Classification of Abnormal Cases :—															
(a) Definite Pulmonary Tuberculosis	4 or 0.13%			2	1			1	.					3	1
(b) Needing further Observation for Pulmonary Tuberculosis	11 or 0.42%				1	1	2		2	2		3		6	5
(c) Other Abnormalities of Chest	258 or 9.94%			5	4	11	8	23	12	98	16	65	16	202	56

MASS RADIOGRAPHY SURVEY OF LLANHILLETH GENERAL POPULATION.

TABLE B.

Details of Other Abnormalities.

	Total	*Male*	*Female*
Pneumoconiosis	238	238	—
Bony Abnormality	13	6	7
Bronchitis and Emphysema ..	13	8	5
Healed Primary P.T. ..	7	1	6
Pulmonary Fibrosis	6	5	1
Cardio Vascular Disease Acquired ..	6	2	4
Healed Post Primary P.T. ..	5	4	1
Bronchiectasis	3	2	1
Thickened Pleura	1	—	1
Total ..	292	266	26
Failed to return for Large Film	5	1	4

MASS RADIOGRAPHY SERVICE

DETAILS OF MASS RADIOGRAPHY SURVEY OF Llanhilleth General Population, November, 1951.

TABLE "A" ANALYSIS IN AGE GROUPS

	Grand Total	*Under* 15		15–24		25–34		35–44		45–59		60 *and Over*		*Totals*	
		m	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*	*m*	*f*
Total Number of Persons Examined Normal and Abnormal ..	1582	1	10	106	138	167	185	187	161	254	197	115	61	830	752
Total Number Found to be Abnormal	303 or 19.15%		1	5	6	26	4	83	7	109	10	48	4	271	32
Classification of Abnormal Cases :— (a) Definite Pulmonary Tuberculosis ..															
(b) Needing Further Observation for Pulmonary Tuberculosis	11 or 0.69%				2			1	3	3	1	1		5	6
(c) Other Abnormalities of Chest	292 or 18.46%		1	5	4	26	4	82	4	106	9	47	4	266	26

TABLE VI.

Showing Monthly notification of Tuberculosis (all forms) for the year 1951, with Ward Distribution.

Month	Pulmonary		Non-Pulmonary		Total	Wards				
	Male	*Female*	*Male*	*Female*		1	2	3	4	5
January ..	—	—	Nil	—	—	—	—	—	—	—
February	—	—	Nil	—	—	—	—	—	—	—
March ..	1	2	—	—	3	1	—	1	—	1
April ..	1	3	—	—	4	1	2	1	—	—
May ..	2	2	—	—	4	—	—	3	—	1
June ..	3	1	1	—	5	—	1	1	1	2
July ..	1	—	—	—	1	—	—	—	1	—
August ..	1	—	—	—	1	—	—	—	1	—
September	2	—	—	1	3	—	2	—	—	1
October ..	2	1	—	—	3	—	1	—	2	—
November	—	1	—	—	1	—	1	—	—	—
December	1	3	—	—	4	—	—	2	1	1
	14	13	1	1	29	2	7	8	6	6

TABLE VII.

Year	*Yearly Notification of Tuberculosis.*				*Total Yearly Cases of Pulmonary and Non-Pulmonary T.B.*	*Deaths from Tuberculosis*				*Total Yearly Deaths from Tuberculosis*
	Pulmonary		*Non-Pulmonary*			*Pulmonary*		*Non-Pulmonary*		
	Males	*Females*	*Males*	*Females*		*Males*	*Females*	*Males*	*Females*	
1943	28	12	1	4	45	16	5	1	—	22
1944	13	20	3	3	39	5	4	—	2	11
1945	10	18	4	5	37	7	8	—	2	19
1946	16	11	2	4	33	10	1	—	2	13
1947	15	10	3	4	32	3	5	1	1	10
1948	8	15	1	2	26	7	7	1	1	16
1949	17	9	3	1	30	10	8	1	2	21
1950	10	7	3	2	22	6	3	1	1	11
1951	14	13	1	1	29	5	1	2	1	9

TABLE VIII. Showing the admissions and discharges to institutions for the treatment of of Tuberculosis during 1951.

Institution	*Admissions*		*Discharges*	
	Males	*Females*	*Males*	*Females*
West Wales	—	—	—	1
Chepstow Annexe ...	—	—	2	—
Gelli-Gaer	—	1	—	—
Glan Ely	2	1	—	—
South Wales Sanatorium, Talgarth .	—	—	2	—
Sully	—	2	2	1
Cefn Mably... ...	3	4	—	—
North Wales Sanatorium	1	—	—	—
	6	8	6	2

All cases of suspected Tuberculosis are seen at the Chest Clinic run by the Regional Hospital Board.

The number of new cases examined from the Abertillery District during 1951 was 414 and of these the number of cases diagnosed as suffering from Pulmonary Tuberculosis and Non-Pulmonary Tuberculosis are as follows :—

Pulmonary Tuberculosis .. .. .. 14 males
13 females

Non-Pulmonary Tuberculosis .. .. 1 male
1 female

Total number of attendances during 1951 at the Clinic, (*i.e.*, new and old cases during 1951)—938.

TABLE IX. Showing the infant mortality rates for E. and W., the County Boroughs and Great Towns, the smaller towns, the Administrative County of Monmouthshire and Abertillery U.D. for 1950 and 1951.

Year	*England and Wales*	*126 Co. Boroughs & Great Towns (Inc. London)*	*148 smaller towns (Resident Population 25,000-50,000 at 1931 Census)*	*Administrative County of Monmouthshire*	*Abertillery Urban District*
1950	29.8	33.8	24.4	39.8	56.9
1951		29.6	33.9	27.6	51.5

Meteorological Records.

SUMMARY OF DAILY RECORDS TAKEN AT NEW CEMETERY AND THE PARK, 1951.

Month	*The Park*		*New Cemetery*		
			Sunshine	*Temperature*	
	Inches	*Rain Days*	*Hours*	*Highest*	*Lowest*
January ..	6.74	22	6.8	48.0	21.0
February ..	8.32	20	19.4	49.5	25.0
March ..	6.59	24	24.6	53.2	28.0
April ..	4.58	17	10.6	72.0	29.0
May ..	4.35	17	81.9	66.6	32.5
June ..	1.85	12	90.1	73.0	40.0
July ..	1.98	6	87.2	81.0	41.0
August ..	6.11	21	51.0	70.2	37.0
September ..	5.88	18	19.8	68.0	38.0
October ..	1.33	12	54.6	70.0	26.0
November ..	13.03	25	12.8	54.8	27.5
December ..	8.15	18	8.7	52.2	22.5

Total inches for year, 68.91 Rain days, 272.
Total hours of Sunshine, 642.
Highest Temperature for Year, 81.0.
Lowest Temperature for Year, 21.0.

COLLECTION AND DISPOSAL OF HOUSE AND TRADE REFUSE.

The following report was kindly supplied by the Engineer and Surveyor, A. GORDON JONES, Esq., M.I.M.C.E.

The collection of Refuse in the Urban Area is carried out with Petrol-Driven Vehicles with covered bodies of semi-circular type so as to prevent, as far as possible, dust being blown about while the lorries are travelling.

Collections are made three times weekly, also collection of Trade Refuse from the Business Premises.

The method of disposal is by the well-known Bradford Method, described as " Controlled Tipping."

On the closing down of the Refuse Destructor at the end of 1928, the disposal of refuse was carried out by crude tipping which quickly resulted in complaints of obnoxious smells, vermin, fires, etc., especially on the Tip at Rose Heyworth Road. In 1932, however, the Council introduced the above described method of disposal by which the refuse was laid down to plan, properly consolidated, and covered over with earth at the end of each days' work. This method eliminates all the nuisances attendant on the old method, and is being used to provide facilities for recreation. The Council have formed Sports Grounds at Rose Heyworth Road for the Abertillery Grammar School, and the Ground, when completed by the School Authority, will include a Football Field, Hockey Pitch, Cricket Pitch and Tennis Courts.

Other Grounds completed are at the Walpole Field, Llanhilleth, (now being used as Railway Sidings), a Children's Playground and Recreation Ground at Aberbeeg, and another Recreation Ground is being formed at the Woodland Field, Cwmtillery. Considerable interest is being shewn in these activities by neighbouring Authorities, and several Councils have sent their Representatives to view the progress and method of the work.

THE ABERTILLERY & DISTRICT WATER BOARD.

The Engineer to the Board, W. CORY GODDARD, Esq., M.INST.C.E., M.INST.W.E., A.M.I.MECH.E., has supplied the following particulars.

The total rainfall for 1951, at Grwyne Fawr Reservoir, Breconshire, was 65.63 inches as compared with 60.12 inches in 1950, and 52.39 inches in 1949.

During 1951, the highest monthly rainfall recorded was 12.90 inches in November and the lowest was 1.68 inches in June.

The highest daily rainfall recorded was 1.35 inches on the 3rd February. Rain fell on 230 days at the Reservoir during 1951.

A 6″ main was laid across the Foundry Bridge.

The mains and service pipes in the Board's district are continually tested and inspected for leakages and many repairs are carried out to cracked and fractured pipes, caused mainly through subsidence.

Public Sanitary Conveniences.

ABERTILLERY.

Rose Heyworth Road
Royal Lane, Blaenau Gwent, (facing Blaenau Gwent Chapel).
Alma Street.
Foundry Bridge.
Tillery Road (below Club Row).
Bush Hill.
Ladies' convenience situate in Chapel Street with lady attendant.
Alexandra Road (Ladies and Gent's) opposite Cwm Hotel, Market Street.
Near New Bridge End Inn, Penybont.
Cwmtillery.

SIX BELLS.

Near Six Bells Bridge.
Near Coach and Horses Inn.

ABERBEEG.

Near G.W.R. Station.

LLANHILLETH.

Opposite Ty'r Graig Schools.
Near Central Hotel (at foot of hill over railway bridge).

CRUMLIN.

Near Viaduct Hotel.

Common Lodging House.

There is only one registered common lodging house in the district and this is situate at Crumlin. The premises are kept in a clean condition and in good repair.

Pit-Head Baths.

Pit-head baths are now established in connection with the Rose Heyworth, Cwmtillery and Llanhilleth Collieries.

These establishments are working satisfactorily and are proving a great boon to those engaged in the industry.

Other pit-head baths are required, and plans at present are under consideration.

Swimming Baths.

There is one swimming bath in this area situated in the Park at Abertillery, and controlled by the Abertillery U.D.C.

This is an open-air bath, which was originally constructed in 1900, and measured 90 feet x 30 feet, with 88,594 gallons capacity. The bath was modernised in 1936 at a cost of £3,000, providing a bath 92 feet x 43 feet, with 125,000 gallons capacity. The special filtration plant is capable of "turning the water over" in six hours. There are 20 cubicles for men and 13 for women, with provision for sun-bathing on concrete promenades.

1. Date of Construction	1900—Modernised 1936.
2. Open-air or Covered	Open-air.
3. Cost of Construction	Modernisation £3,000.
4. Capacity :	
(a) Dimensions	92ft. x 43ft.
(b) Gallonage to fill	125,000.
(c) Number of bathers provided for	33 Cubicles.
5. Method of Purification	Filtration and Chlorinisation Plant.
6. How often changed	Six-hourly periods of "turn over"
7. Source of Water Supply.	Local.
(a) If local, estimated flow	(a) 30/60 gallons per minute accord- to season from adjacent stream. (b) Mains supply.
(b) If purchased, cost per 1,000 gallons.	(a) Annual easement for water right. (b) 2/- per 1,000 gallons.

8.	Laundry facilities (if any)	None.
9.	Number of cubicles	33.
10.	Any other dressing accommodation provided	None.
11.	Number of Staff engaged	One to Two.
12.	Duration of open period	April to September.

In conclusion, I wish to thank the Sanitary Inspectors, and other Departments of the Council for their willing co-operation during the year.

Yours obediently,

J. WALTERS BOWEN,
Medical Officer of Health.

Abertillery
Urban District Council.

Chief Sanitary Inspector's

REPORT

For the Year

1951.

Public Health Department,
Oddfellows Hall,
Queen Street,
Abertillery, Mon.

The following is my report on work carried out by the Department for the year ending December 31st, 1951.

The Sanitary Administration and Conditions for the year 1951

The following tables show particulars of the work carried out by the Sanitary Officers :—

Visits to Animals, etc., kept :—	
Piggeries	20
Stables	7
Fowls, pigeons	17
Complaints :—	
Total number investigated (all premises)	361
Common Lodging Houses	12
Dairies :—	
Premises examined	186
Number of Purveyor's vehicles	38
Drainage :—	
Number of main or branch drains smoke tested	44
,, ,, ,, ,, ,, ,, colour tested	21
,, ,, ,, ,, ,, ,, found defective	46
,, ,, ,, ,, ,, ,, re-constructed	40
Visits to works in progress	151
Dwelling Houses :—	
Number inspected *re* complaint of nuisance	320
Number re-inspected ,, ,,	541
Number inspected *re* overcrowding	8
Interviews with Owners	114
,, ,, Tradesmen	123
Licensed Houses, Cafes, etc. examined *re* urinals, W.C.	65
Miscellaneous Visits :—	
Visits not otherwise classified	366
Offensive Trade premises	13
Public Conveniences :—	
Number inspected	162
Amusement premises	94
Special visits (not classified above) *re* works in progress	68

The nuisances were :—

Defective Roofs, troughing, down-pipes, etc.	175
Defective Window-frames, doors, etc.	64
Defective or insufficient yard paving	5
Damp Walls, external	46
Choked or defective drainage	20
Insufficient W.C. and slop-water drainage	27
Defective and insufficient closet accommodation	51

Defective and insufficient water supply	4
Miscellaneous nuisances	35
Defective ceilings	48
Defective walls (internal)	30
Defective floors	33

Many and varied were the nuisances discovered. In some cases the owners and occupiers were interviewed and the nuisances abated at once, and in other cases legal notices were served.

Foods.

MILK SUPPLY.

Number of persons registered under the Milk and Dairies Regulations, 1950.

Number on Register in 1950	43
Licensed to sell Pasteurised Milk	30
Licensed to sell Sterilised Milk	19
Licensed to sell Tuberculin Tested Milk	25
Supplementary Licences to sell—	
Sterilised Milk	2
Pasteurised Milk	3
T.T. Milk	2

The number of inspections made last year was 186.

18 samples of milk were tested in the area during the year ended 31st December, 1951, and 5 samples were found which were not up to the required standard. The Vendors were warned and further samples taken and submitted for examination.

ICE CREAM.

Number of premises registered during the year	7
Number of premises registered	63
Number of registered persons producing	3
Number of samples taken	20
Number of inspections of premises and vehicles	152

WATER.

Number of samples taken :—	
(a) Bacteriological examination	1
Number satisfactory	1
Number unsatisfactory	—
(b) Chemical examination	—

MEAT AND OTHER FOODS.

The following particulars show the amount of attention given to securing a wholesome supply of food.

Visits to Premises :—

Fish, fruit and vegetable shops	452
Meat shops	450
Fried fish and chip shops	144
Bakehouses	123
Fishmongers	212
Premises registered for the preparation of food	175
Other premises where food is prepared, sold or stored	185
Cafes and Hotel	32

STORES AND VEHICLES.

Attention is being given to the cleanliness of vehicles, wrappers, etc., used for bringing meat into the district and for conveying meat to the shops, and the conditions are satisfactory.

The men who handle such meat are compelled to wear clean overalls.

There is no public abattoir.

All slaughtering is now centralised at Brynmawr.

FRIED FISH AND CHIP SHOPS.

There are 20 registered shops in the area which are kept in a satisfactory condition.

144 inspections of these premises were carried out.

OTHER FOODS.

Meat, fish and fruit shops are regularly visited, and the food exposed for sale or stored is examined.

Pork butchers' premises, where sausage meat and small goods are prepared, receive great and constant attention.

Bakehouses are regularly inspected, and the sanitary conditions are noted and dealt with as required.

No cases of food poisoning were recorded in the district during 1951.

The Sale of Food and Drugs Act is administered by the Monmouthshire County Council.

Food Inspection.

The following show the variety of Food Stuffs condemned :—

Fish	134 tins
Peas	130 ,,
Beans	113 ,,
Fruit	368 ,,
Soup	65 ,,
Milk	505 ,,
Tomatoes	809 ,,
Jam	16 ,,
Spaghetti	16 ,,
Fish Paste	187 ,,
Beetroot	10 ,,
Biscuits	36 ,,
Carrots	4 ,,
Baby Food	15 ,,
Kidneys	24 ,,
Meat	190 ,,
Scotts Food	15 ,,
Miscellaneous	18 ,,
Inglis Food	24 pkts.
Puffed Wheat, etc.	3 ,,
Cake Mixture	55 ,,
Powdered Onions	60 doz. pkts.
Jellies	3 pkts.
Pickles	7 jars
Squash	2 bottles
Biscuits	110½ lbs.
Sausage	30 ,,
Sweets and Chocolates	24½ ,,
Butter	46½ ,,
Ham	1,056 ,, 10 ozs.
Luncheon Meat, etc.	420 ,,
Sugar	27 ,,
Chicken	16 ,,
Dried Fruit	87 ,,
Fresh Tomatoes	16 ,,
Bacon	96 ,,
Lambs tongue	13 ,,
Cheese	16¾ ,,
Jellied Veal	304 ,,
Lentils	85 ,,
Cookies	72 ,,
Beef	12 ,,
Potatoes	5 cwts. 10 lbs.
Maws	84 lbs.
Cream Cheese	30 boxes

Number of new houses erected during the year :—
Total 40

1. *Remedy of Defects during the Year without Service of formal Notices* :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers 124

2. *Action under Statutory Powers during the Year.*

(a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs .. .. .. —

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—

(*a*) By owners .. .. —

(*b*) By local authority in default of owners .. .. —

(b) Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 46

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—

(*a*) By owners 38

(*b*) By local authority in default of owners 1

Housing, 1951.

SHOWING THE NUMBER OF HOUSES OWNED BY ABERTILLERY URBAN DISTRICT COUNCIL AT 31/12/51

	Temp. Pre-fabs	*Perm. Pre-fabs*	*Traditional (Including requisitioned Property)*	TOTAL
*No of houses owned by Local Authority on 31/12/51 (including Flats)	100	90	334	524
No. of houses in course of erection on 31/12/51 ...	—	120	10	130
No. of houses for which sanction had been given, but which had not been commenced on 31/12/51 ...	—	10	—	10
†By Local Authority	—	16	36	52
By Private Enterprise ...	—	—	4	4
TOTAL	—	16	40	56

***Showing the number of Houses owned by Abertillery Urban District Council at 31/12/51.**

†Showing the number of Houses erected by the Abertillery Urban District Council and by Private Enterprise during 1951.

PREVENTION OF DAMAGE BY PESTS ACT, 1949. Form PDP/R.2

REPORT FOR YEAR ENDED 31st DECEMBER, 1951.

Name of Local Authority—ABERTILLERY U D.C. (County)—MON.

	Type of Property				Total
	Local Authority	Dwelling houses	Agricultural	All other (including Business and Industrial)	
I. Total number of properties in Local Authority's District (Notes 1 and 2)	26	6978	26	582	7612
II. Number of properties inspected by the Local Authority during 1951 as a result (a) of notification or (b) otherwise (Notes 1, 2 and 3) ...	(a) 2	87	—	10	99
	(b) 7	705	10	16	828
III. Number of properties (under II) found to be infested by rats (Notes 1, 2 and 3)	Major 1			2	3
	Minor 3	156		13	172
IV. Number of properties (under II) found to be seriously infested by mice (Notes 1, 2 and 3) ...	1	230		11	242
V. Number of infested properties (under III and IV) treated by the Local Authority (Notes 1, 2 and 3)	5	386		26	417
VI. Number of notices served under Section 4:— (1) Treatment					
(2) Structural Works (i.e. Proofing) ...					
TOTAL	19	1654	10	78	1761

VII. Number of cases in which default action was taken by Local Authority following issue of notice under Section 4					
VIII. Legal Proceedings					

IX. Number of "block" control schemes carried out 13

NOTES.

Note 1. A property means a property separately entered in the Valuation Roll for the area.

Note 2. Council houses should be included under Dwelling houses.
Premises used by Local Authority for purposes of trade should be included under Business or Industrial Premises.
Sewers should not be included.
Only properties devoted to agricultural or horticultural production should be included under Agricultural Properties.
Combined dwelling and business premises where occupied by the same person should be included under Business Premises, otherwise they should be entered separately.

Note 3. II, III, IV and V in each case relate to the **number of properties** inspected as defined in Note 1 and not to the number of inspections, infestations or treatments at each property.

REGISTERED FACTORIES.

Factories without Mechanical Power :—

Boot repairers	1
Carpentry and Joinery	3
Dressmaking	1
Radio and Electrical repairs	1
Total	6

Factories with Mechanical Power :—

Bake-houses	11
Brewers	1
Motor repairers	8
Mortar Mills	2
Carpentry and Joinery	1
Undertakers	2
Sausage and Cooked Meats	3
Boot repairers	1
Dressmaking	1
Industrial Gloves	1
Monumental Masons	1
Wagon repairers	2
Iron Foundries	1
Non-Ferrous Foundry	1
Tin Plating	1
Wheel-barrow making	1
Gas Works	1
Printing Works	3
Manufacturing Chemists	1
Lampshade Making	1
Precast Concrete Making	1
Electrical Equipment repairs	1
Dairies	1
Icecream	1
Watch repairers	1
Works of Engineering	2
Total	51

Factory Act, 1937.

1. Inspection for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises	*Number on Register*	*Number of*		*Occupier Prosecuted*
		Inspections	*Written Notices*	
(1) Factories in which Sections 1, 2, 3, 4 & 6 enforced by Local Authority ..	6	84	—	—
(2) Factories not inc. in (1) to which Section 7 applies ..	49	372	—	—
(a) Subject to the L/A's (transfer of Enforcement) Order 1938				
(b) Others ..	—	—	—	—
(3) Other premises under the Act (excluding outworkers' premises) ..	2	8	—	—
TOTAL	57	466	—	—

2.—DEFECTS FOUND IN FACTORIES.

Particulars	*Number of Defects*			*Number of Prosecutions*
	Found	*Remedied*	*Referred by H.M. Insp.*	
Want of cleanliness (S.1)	21	21	—	—
Want of ventilation (S.4)	—	—	—	—
Overcrowding (S.2)	—	—	—	—
Want of drainage of floors (S.6)	—	—	—	—
Sanitary accommodation — insufficient	3	3	1	—
Sanitary accommodation — unsuitable or defective	1	1	1	—
Sanitary accommodation — not separate for sexes	—	—	—	—
Other offences (not including offences relating to Outwork)	6	6	—	—
TOTAL	31	31	2	—

I am, Mr. Chairman, Mrs. Brown and Gentlemen,

Your obedient Servant,

G. A. PARRY,
Senior Inspector.